

III. REMARKS

In the Office Action, claims 1-15, 18-29, 32-40, and 43-49 were rejected under 35 U.S.C. 102 as being anticipated by Harney (US 4,024,575) for the same reasons as set forth in the previous Office Action.

Claims 16, 17, 30, 31, 42, 50 and 51 were said to have allowable subject matter. The subject matter of these claims is presented in the new claims 52-59, wherein the new claims 52-59 correspond respectively to the claims 16, 17, 30, 31, 42, 50 and 51. Accordingly, each of the new claims is believed to be allowable.

In this response, the dependency of claim 50 is changed for a dependency from claim 46, and the dependency of claim 51 is changed for a dependency from claim 47.

In the present Action, the examiner explained that no patentable weight is given to terminology appearing in the preamble because it is understood to provide the purpose of the invention, and that patentable weight is given only to limitations positively recited in the claims.

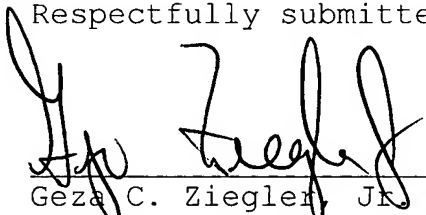
Accordingly, the independent claims have been amended to recite positively the limitations to be given the patentable weight. Also, it is noted that the features inserted into the amended independent claims relate to the separation of an input modulated signal into an envelope component and a phase component, and relate also to the generation of an output signal based on these two components performed by the claimed amplifier. The amendatory passages accentuate the features that distinguish the envelope elimination and restoration amplifier from the decoder of Harney. Therefore, it is believed that the

present response overcomes the rejections under 35 U.S.C. 102, and that the amended independent claims and their respective dependent claims should now be allowable.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Enclosed please find a check of \$3410.00 for the RCE fee, a three-month extension of time, and additional claim fees. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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28 NOV 2005

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